- supported by lesson																						
Lesson/Section:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Title:	All About Beavers	Native and Invasive Species	Native American Plant Use	Intro to Plant Identification	Intro to Macroinvertebrates	Macroinvertebrate Adaptations	Macros as Water Quality Indicators	Bird Beak Buffett	Bird Adaptations	Intro to Local Bird Identification	Explore Your Watershed	What is a Watershed	Stream Table	Water Quality	Animal Signs and Observations	Fish Dissection	Salmon Life Cycle	Food Webs	Ecosystem Interactions	Intro to Animal Tracks	Stormwater Runoff	Ocean Acidification
Next Generation Science Standards																						
2nd Grade																						
2-LS4-1 : Make observations of plants and																						
animals to compare the diversity of life in	•								•													
different habitats.																						
3-5 Grade Engineering	1	1																				
3-5-ETS1-2: Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.													•									
3rd Grade																						
3-LS1-1: Develop models to describe																						
that organisms have unique and diverse life						•																
cycles but all have in common birth, growth,																						
reproduction, and death.																						

Lesson/Section: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
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Lesson/Section:	1	2	3	4	- 3u	6	7		9	10	11	12	13	14	15	16	17	18	19	20	21	22
4-LS1-1: Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.	•	•	•	•	•	•		•	•	•	•				•	•	•					
5th Grade		1																				
5-ESS2-1: Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.													•								•	•
5-ESS2-2: Describe and graph the amounts and percentages of water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth.																					•	
5-ESS3-1: Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.		•					•				•	•	•	•								
5-LS1-1: Support an argument that plants get the materials they need for growth chiefly from air and water.																		•				
5-LS2-1: Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.																	•	•	•			
5-PS1-1 : Develop a model to describe that matter is made of particles too small to be seen.																						•
5-PS3-1: Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun.																		•				

Lesson/Section: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21																						
Lesson/Section:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Middle School																						
MS-ESS3-3: Apply scientific principles to																						
design a method for monitoring and																						
minimizing a human impact on the																						
environment.																						
MS-ETS1-2: Evaluate competing design																						
solutions using a systematic process to													_									
determine how well they meet the criteria and													•									
constraints of the problem.																						
MS-LS1-4: Use argument based on empirical																						
evidence and scientific reasoning to support an																						
explanation for how characteristic animal																						
behaviors and specialized plant																	•					
structures affect the probability of successful																						
reproduction of animals and plants																						
respectively.																						
MS-LS2-1: Analyze and interpret data to																						
provide evidence for the effects of resource																						
availability on organisms and populations of																						
organisms in an ecosystem.																						
MS-LS2-4: Construct an argument supported																						
by empirical evidence that changes to physical																						
or biological components of an ecosystem							•						•				•					
affect populations.																						
MS-LS2-5: Evaluate competing design																						
solutions for maintaining biodiversity and											•											
ecosystem services.																						
ecosystem services.																		<u> </u>				لــــــا